

24 JUL 2002

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of )  
David Ian COOK et al. )  
Serial No. 10/049,759 ) Examiner:  
Filed: February 15, 2002 ) Group Art Unit:  
For: METHODS FOR DIAGNOSIS )  
AND TREATMENT OF HUMAN )  
DISEASES INCLUDING )  
HYPERTENSION )

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Under the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98,  
Applicant submits herewith copies of publications that the Office  
may wish to consider in examination of the subject application.  
The publications are listed on the attached form PTO-1449.

Respectfully submitted,

By Barbara G. Ernst  
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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*Complete if Known*

Application Number	10/049,759
Filing Date	February 15, 2002
First Named Inventor	David Ian Cook
Group Art Unit	
Examiner Name	
Attorney Docket Number	1871-133

Sheet 1 of 2

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office <sup>3</sup> Code	Number <sup>4</sup>	Kind <sup>5</sup> (if known)			
	AA	EP	0 622 356	A1	Sumitomo Pharmaceuticals	11-2-1994	
	AB	EP	0 726 254	A1	Mitsui Toatsu Chemicals	08-14-1996	
Examiner Signature					Date Considered		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code. <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

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Sheet 2 of 2

## **OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	AC	P. Komwatana, et al., "Activators of Epithelial Na <sup>+</sup> Channels Inhibit Cytosolic Feedback Control. Evidence for the Existence of a G Protein-Coupled Receptor for Cytosolic Na <sup>+</sup> ," <i>J. Membrane Biol.</i> , 1998, vol. 162, pp. 225-232, Springer-Verlag New York Inc.	
	AD	D. I. Cook, et al., "Control of Na <sup>+</sup> Transport in Salivary Duct Epithelial Cells by Cytosolic CL- and Na <sup>+</sup> ," <i>European Journal of Morphology</i> , 1998, vol. 36, Suppl., pp. 67-73, Swets & Zeitlinger.	
	AE	H. Ishibashi, et al., "Na <sup>+</sup> -H <sup>+</sup> exchange in salivary secretory cells is controlled by an intracellular Na <sup>+</sup> receptor," <i>Proc. Natl. Acad. Sci., USA</i> , August 1999, vol. 96, pp. 9949-9953.	
	AF	A. Dinudom, et al., "Nedd4 mediates control of an epithelial Na <sup>+</sup> channel in salivary duct cells by cytosolic Na <sup>+</sup> ," <i>Proc. Natl. Acad. Sci., USA</i> , June 1998, vol. 95, pp. 7169-7173.	
	AG	P. Komwatana, et al., "Cytosolic Na <sup>+</sup> controls an epithelial Na <sup>+</sup> channel via the G <sub>o</sub> guanine nucleotide-binding regulatory protein," <i>Proc. Natl. Acad. Sci., USA</i> , July 1996, vol. 93, pp. 8107-8111.	
	AH	J. David Symons et al., "Na-H Exchange Inhibition with Cariporide Limits Functional Impairment Caused by Repetitive Ischemia," <i>Journal of Cardiovascular Pharmacology</i> , 1998, vol. 32, pp. 853-862, Lippincott Williams & Wilkins, Philadelphia, PA.	
	AI	A. Takesono et al., "Receptor-independent Activators of Heterotrimeric G-protein Signalling Pathways," <i>The Journal of Biological Chemistry</i> , November 19, 1999, Vol. 274, no. 47, pp. 33202-33205, The American Society for Biochemistry and Molecular Biology, Inc., USA	
	AJ	Kieran F. Harvey, et al., "All Three WW Domains of Murine Nedd4 Are Involved in the Regulation of Epithelial Sodium Channels by Intracellular Na <sup>+</sup> ," <i>The Journal of Biological Chemistry</i> , April 30, 1999, vol. 274, no. 18, pp. 12525-12530, The American Society for Biochemistry and Molecular Biology, Inc., USA	
Examiner Signature			Date Considered

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